

**Listing of Claims:**

1. (Original) An image display device comprising:  
an optoelectric element of emitting light in a two-dimensional way that has a display surface orthogonal to a direction of emitted light flux; and

a fisheye-type optical system that projects light flux emitted from the optoelectric element inside at least one of eyeballs of a user and has an viewing angle of 60 degrees and over,

wherein the image display device is worn in front of the eyeball,

wherein the fisheye-type optical system forms an intermediate image,

wherein a closest optical element of optical elements arranged toward the eyeball from an position of forming the intermediate image to the eyeball is an aspherical optical element of a single lens element,

wherein a far surface shape of the optical element from the eyeball has a aspherical shape of a surface such that light flux entering a pupil of the eyeball enters a far surface of the optical element from the eyeball approximately at right angles and,

wherein a Conic coefficient of the Conic surface is less than -1.

2. (Currently amended) The ~~fisheye-type optical system~~ image display device set forth in claim 1, wherein a second optical element of optical elements constituting the image display device

from the eyeball is made up of a single lens element and a far surface of the optical element from the eyeball has a shape such that the light flux entering the pupil of the eyeball enters a far surface of the optical element from the eyeball approximately at right angles.

3. (Original) The image display device set forth in claim 1, wherein the fisheye-type optical system has a first lens group that includes a relay optical system and an eyepiece lens system that projects the intermediate image formed by the first lens group inside the eyeball.

4. (Original) The image display device set forth in claim 3, wherein the first lens group includes at least one or more aspheric optical element and over.

5. (Currently amended) The image display device set forth in ~~any of claim 3 or 4~~ claim 3, wherein the first lens group includes at least one curved mirror that corrects telecentricity.

Claims 6-39 (Canceled).

40. (new) The image display device set forth in claim 4, wherein the first lens group includes at least one curved mirror that corrects telecentricity.